



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

fw NK

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/595,133	06/16/2000	Denis L. Babin	00,474	1328

20306 7590 01/16/2003

MCDONNELL BOEHNEN HULBERT & BERGHOFF  
300 SOUTH WACKER DRIVE  
SUITE 3200  
CHICAGO, IL 60606

EXAMINER

HAMILTON, ISAAC N

ART UNIT	PAPER NUMBER
----------	--------------

3724

DATE MAILED: 01/16/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/595,133

Applicant(s)

BABIN, DENIS L.

Examiner

Isaac N Hamilton

Art Unit

3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 and 21-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 and 21-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. This Office action is in response to Paper No. 09 filed 10/28/02.

***Claim Rejections - 35 USC § 102***

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2. Claims 21, 22, 24, 25 and 26 are rejected under 35 U.S.C. 102(a) as being anticipated by Ogando ("Tooling Close-Up. Get Custom Hot Halves in a Hurry." Plastic Technology Online, September 1999.)

Regarding claim 21, the method of partially manufacturing a plurality of molding components and placing them into stock, in order to be manufactured in accordance with specifications for an order, is implied in Ogando.

Regarding claims 22, 24, 25 and 26, note nozzle pitches, incomplete hot runner system in first phase and assembling components in second phase in paragraphs 1-3 in Ogando. It is well known that manifold plates are modified by use of a grinder.

***Claim Rejections - 35 USC § 103***

3. Claims 1-14 and 21-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over applicant's admitted prior art as noted on page 2, line 8 through page 4, line 5, and in view of Freer (5,392,502).

Claims 1-14 are the rejected as set forth in non-final Office action Paper No. 06.

Art Unit: 3724

Regarding claims 21-26, applicant's admitted prior art teaches manufacturing a plurality of components, adding heating elements to the manifold plates, drilling flow channels, taking orders with specifications, boring out holes in manifold plates, inserting components into holes of the manifold plates, and attaching components to the manifold plates. However, the applicant's admitted prior art does not teach placing the components into stock, and does not teach removing the parts from stock for modifications that correspond to specifications of the orders. However, Freer teaches placing the components into stock, and teaches removing the parts from stock for modifications that correspond to specifications of the orders, note the abstract in Freer. It would have been obvious to provide placing the components into stock, and removing the parts from stock for modifications that correspond to specifications of the orders in the applicant's admitted prior art as taught by Freer, in order to have a supply of parts readily available in case several orders come in at one time.

Regarding claims 22, note the applicant's prior art on page 2, line 17.

Regarding claims 23, note the applicant's prior art on page 3, lines 14-21, and page 4, lines 1-5. Further, it is believed that the application is implying and the examiner is inferring that the plugs and pins are old in prior art holes.

4. Claims 21-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ogando in view of applicant's admitted prior art. Ogando discloses everything, but does not disclose adding heating elements to the manifold plates, drilling flow channels, boring out holes in manifold plates, inserting components into holes of the manifold plates, and attaching components to the manifold plates. However, applicant's admitted prior art teaches adding heating elements to the manifold plates, drilling flow channels, taking orders with specifications,

Art Unit: 3724

boring out holes in manifold plates, inserting components into holes of the manifold plates, and attaching components to the manifold plates. It would have been obvious to teach adding heating elements to the manifold plates, drilling flow channels, taking orders with specifications, boring out holes in manifold plates, inserting components into holes of the manifold plates, and attaching components to the manifold plates in Ogando as taught by applicant's admitted prior art in order to properly modify the runner system from stock.

### ***Response to Arguments***

Applicant's arguments filed 10-28-02 have been fully considered but they are not persuasive. Applicant asserts that Freer does not disclose, teach, or suggest manufacturing components, placing them in stock, removing them from stock, and further manufacturing or modifying the components in accordance with certain specifications. However, it is believed that Freer does teach manufacturing components, placing them in stock, removing them from stock, and further manufacturing or modifying the components in accordance with certain specifications. "Bar stock" is a manufactured component that is placed into stock in a machine shop. Once an order is received from a customer, the "bar stock" is removed and further modified in accordance with the customer's specifications.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Bjornson et al. is cited for a method of manufacturing components from stock; "Pronto expanded to 8-drop hot runner systems" is cited for online ordering.

Art Unit: 3724

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac Hamilton whose telephone number is 703-305-4949. The examiner can normally be reached on Monday thru Friday between 8am and 5pm. If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on 703-308-1082.

In lieu of mailing, it is encouraged that all formal responses be faxed to 703-872-9302.

Any inquiry of a general nature or relating to the status of this application should be directed to the receptionist whose telephone number is 703-308-1148.

*MA*

IH

January 12, 2003

*Allan*

Allan N. Shoap  
Supervisory Patent Examiner  
Group 3700